GENERAL NOTES

- 1. The scope of work for this project includes removing existing guardrail, end treatments and trafiic signs, installing new metal guardrails and and traffic signs, constructing new end treatments.
- 2. The Contractor is reminded of the requirements of Subsection 105.16 Subcontracts.
- 3. The Contractor's attention is directed to the following Sections of the Special Provisions: Subsection 107.06 Contractor Duty Regarding Public Convenience; Subsection 104.11 Utilities and Services; and Section 645 Work Zone Traffic Control.
- 4. At the end of each day's work, the Contractor shall remove all equipment and other obstructions to permit free and safe passage of public traffic.
- 5. The existence and location of underground utilities, manholes, monuments and structures as shown on the plans are from the latest available data but the accuracy is not guaranteed. The encountering of other obstacles during the course of work is possible. The Contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
- 6. All new guardrail shall be Strong Post W-Beam unless noted otherwise.
- 7. All lanes shall be open to traffic during peak hours from 6:30 A.M. to 8:30 A.M., during afternoon peak hours from 3:30 P.M. to 6:00 P.M., and during off work hours. Only one lane of highway shall be closed at any other time. Failure of the Contractor to open all lanes of traffic during the times specified above shall result in assessment of liquidated damages as specified in Section 108.09 of the Special Provisions.
- 8. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting operations.
- 9. Earth swale shall be graded to drain. Graded swales and shoulder shall be grassed. This work shall be considered incidental to the various contract items.
- 10. Existing drainage system will be functional at all times during construction.

 The Contractor shall furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to the various contract items.
- 11. The Contractor shall provide for access to and from all existing driveways, sidewalks and ADA access routes, and side streets and cross streets at all times. This work shall be considered incidental to the various contract items.
- 12. No section where guardrails have been removed shall be left unattended at the end of each work day. Open sections shall be shielded by NNCHRP-350 compliant devices. Furnishing, installing and maintaining of these devices shall be considered incidental to various contract items.
- 13. Any work specified in the contract but not listed separately in the proposal schedule shall be considered incidental to other various contract items and shall not be paid for separately.
- 14. No material and/or equipment shall be stockpiled or otherwise stored within the highway right-of-way except at locations designated in writing and approved by the Engineer. If use of location is approved by the Engineer, the Contractor shall obtain a permit to use the property within the highway right-of-way from the State Highways Division at telephone no. 241-3000.
- 15. Prior to commencing his operations, the Contractor shall contact the County of Kauai, Department of Water Operations Division (Phone No. 245-5444) and make arrangements for the Department to locate and mark the existing water facilities within the project limits, such as waterlines, valve boxes and manhole frame/covers (including ones that may have been inadvertently paved over on previous resurfacing projects). The tops of the existing valve boxes, manhole frame/covers, etc., shall be adjusted to match the new finished grades noted on the construction plans.

16. All workers within the State right-of-way who are exposed to either vehicles using the roadway or to construction equipment shall wear high-visibility safety apparel that meets the Performance Class 2 or 3 requirements of ANSI/ISEA 107-2004. "Workers" is defined as people on foot whose duties place them with the State right-of-way, such as, but not limited to construction and maintenance forces, equipment operators, survey crews, utility crews, responders to incidents (e.g., EMT and firemen), and law enforcement personnel directing traffic, investigating accidents, handling lane closures and obstructed roadways.

- 17. Underneath guardrails at Kuhio Highway, Route 56, Mile Post 3.7 shall be paved with HMA Pavement Mix No. IV. Refer to Plan Sheets No. 14 for guardrail locations. Grading, compaction, saw cutting, backfilling and parabolic rounding at guardrail locations shall be considered incidental to Item 401.0400 HMA Pavement Mix no. IV and shall not be pai separately various contract items and will not be paid separately.
 - 18. Prior to construction, the contractor shall contact the various utility agencies for location of existing utilities within the project limits. The Contractor shall locate and protect all existing utilities whether or not shown on the plans, Any costs incurred by damages to existing utilities will be borne by the Contractor. Contractor—w—shall request from One-Call Center, Ph: 1-866-423-7287. The Contractor shall also call the County of Kauai, Department of Water, Ph: 245-5411 and the Wastewater Division, Ph: 241-6642 for toning waterlines and sewerlines respectively.
 - 19. All works of toning, probing, hand digging and all other means of utility verifications shall not be paid for separately, but shall be considered incidental to the various contract items.
 - 20. Should historic remains such as artifacts, burials, concentrations of shell or charcoal be encountered during construction activities, work shall cease immediately in the immediate vicinity of the find. The Contractor shall immediately notify the Planning Department at (808) 241-4050 and State Historic Preservation Division at (808) 692-8015, which will assess the significance of the find and recommend the appropriate mitigation measures, if necessary.
 - 21. Removal and disposal of existing traffic signs, steel rail elements, W-Beam sections, end treatment, concrete foundations, steel rail post and backfilling of resulting holes shall be considered incidental to the various contract items.
 - 22. The Contractor shall shop coat all guardrail members and terminal section installed at Kuhio Highway, Route 560, M.P. 6.25. This work shall be considered incidental to the various contract items.
 - 23. Removal and disposal of existing portable concrete barriers shall be considered incidental to the various contract items. The Contractor shall deliver these portable concrete barriers to the County of Kauai, Hanalei Baseyard.

FED. ROAD	STATE	FED-AID	FISCAL	SHEET	TOTAL
DIST. NO.		PROJ. NO.	YEAR	NO.	SHEETS
HAWAII	HAW.	STP-0700(067)	2016	ADD. 3	17

LEGEND

°pp	Existing Power Pole	
°emh	Existing Electric Manhole	
⊕ EMH	Adjusted Elec. MH Frame/Cover	
□epb	Existing Electric Pullbox	
o _{tmh}	Existing Telephone Manhole	-6-f
• TMH	Adjusted Tel. MH Frame/Cover	——————————————————————————————————————
$\Box i \rho b$	Existing Telephone Pullbox	S12
w—12—	Existing 12" Water Line	Ost
$^{\circ}$ wmh	Existing Water Manhole	SN
WMH	Adjusted Water MH Frame/Cover	
°av	Existing Water Air Valve	*SN
$^{\circ}AV$	Adjusted Water Air Valve	$^{\circ}m\epsilon$
$^{\circ}wv$	Existing Water Valve Box	⊚ MC
•WV	Adjusted Water Valve Box	_
$\neg wm$	Existing Water Meter Box	© _M (
□WM	Adjusted Water Meter Box	d2
\square_{WM}	New Type "X" Water Meter Box	020
þ	Existing Traffic Sign	SL
þ	New Traffic Sign	
\boxminus_{GDI}	New Grated Drop Inlet	$\exists g$
UDI	•	

Adjusted/Reconstructed Drain

Inlet or Replaced Steel Grate

_=	New Metal Guardrail
	Adjusted and/or Relocate Metal Guardrail
- bp	Existing Fire Hydrant

___ Existing Metal Guardrail

— Existing Sewer Line
—S—12— New 12" Sewer Line

output Existing Sewer Manhole

smh Existing Sewer Manhole

smh Adjusted Sewer Manhole

•_{SMH} New Sewer Manhole ©_{mon.} Existing Monument

MON. Adjusted Monument
 New Monument

-d--24--- Existing 24" Drain Line

o_{Admh} Existing Storm Drain Manhole

•_{SDMH} Adjusted Storm Drain Manhole

⊟gdi Existing Grated Drop Inlet

GENERAL NOTES AND LEGEND

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

GUARDRAIL AND SHOULDER IMPROVEMENTS
AT VARIOUS LOCATIONS

Kuhio Highway, ROUTE 56 (M.P. 3.70)
Kuhio Highway, ROUTE 560 (M.P. 6.25)
Fed-Aid Project No. STP-0700(067)
Date: August 2016

SHEET No. 1 OF 1 SHEETS

ORIGINAL BURWEY PLOTTED BY A DRAWN BY A TRACED BY A TRACED BY A DESIGNED BY A DESIGNED BY A DESIGNED BY A DESIGNED BY A CHECKED BY CHECKED BY

ADD. 3